

Title (en)
PRICKING DEVICE FOR TAKING BLOOD

Title (de)
STECHVORRICHTUNG ZUR ENTNAHME VON BLUT

Title (fr)
DISPOSITIF DE PIQUAGE DESTINE AU PRELEVEMENT DE SANG

Publication
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Application
EP 05811007 A 20051124

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Abstract (en)
[origin: WO2006058654A2] The invention relates to a pricking device for taking blood, comprising an element (1, 100, 200) for contacting an extraction surface, an actuating element (3, 103, 202) for manually actuating the pricking device, and a pricking element (4, 102, 204) that is movable relative to the contacting element (1, 100, 200) substantially perpendicular to the extraction surface and is used for perforating the extraction surface. The pricking element (4, 102, 204) is disposed in the contacting element (1, 100, 200) so as not to protrude from the contacting element (1, 100, 200) before the pricking process is initiated while obtaining a defined pricking depth during the pricking process. The inventive pricking device further comprises a return spring (6, 106, 207) for automatically retracting the pricking element (4, 102, 204) into the contacting element (1, 100, 200) once the pricking process has been completed as well as a mechanism (7, 109) for locking the pricking device following a single pricking process. Said locking mechanism (7, 109) is embodied such that a bolt (11, 110, 208) slides across a switch (10, 112) along a first guiding area (24, 117, 211) when the pricking process is initiated while sliding across said switch (10, 112) along a second guiding area (27, 121, 215) into a locking position when the pricking element (4, 102, 204) is retracted by means of the return spring (6, 106, 207) once the pricking process has been completed.

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